

GHITA LANZENDORFER ET AL.
USSN 08/849,525IN THE CLAIMS:

Cancel all of the claims in the application and substitute:

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--19. A method for preventing or treating immunosuppression of skin cells induced by UVB radiation, said method comprising topically applying to the skin of a person in need thereof an effective amount thereof of a cosmetic or dermatological formulation comprising:

- a) one or more flavonoids selected from the group consisting of alpha-glucosylrutin, alpha-glucosylmyricitrin, alpha-glucosylisoquercitrinin, alpha-glucosylquercitrin, quercitin, rutin, chrysin, kaempferol, myricetin, rhamnetin, apigenin, luteolin, naringin, hesperidin, naringenin, hesperitin, morin, phloridzin, diosmin, fisetin, vitexin, neohesperidin dihydrochalcone, flavone, glucosylrutin and genistein;
- b) optionally one or more cinnamic acid derivatives; and
- c) optionally an antioxidant;

and preventing or treating immunosuppression of skin cells induced by UVB radiation. --

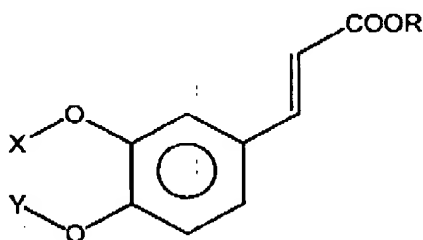
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--20. The method according to claim 19, wherein the cosmetic or dermatological formulation comprises one or more cinnamic acid derivatives. --

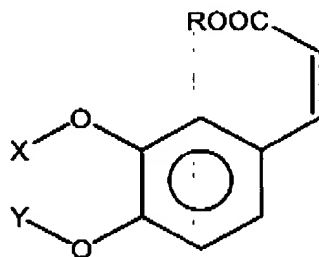
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--21. The method according to claim 20, wherein the one or more cinnamic acid derivatives are selected from the group consisting of hydroxycinnamic acid derivatives. --

--22. The method according to claim 21, wherein the hydroxycinnamic acid derivatives are selected from those of the formula:



or the formula:



or mixtures thereof,

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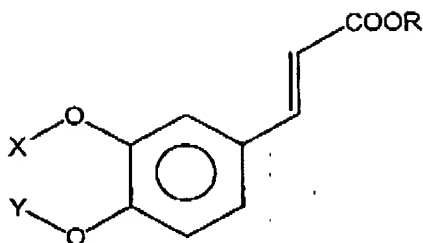
wherein X, Y and R independently represent H or branched or unbranched alkyl have 1 to 18 carbon atoms. --

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--23.

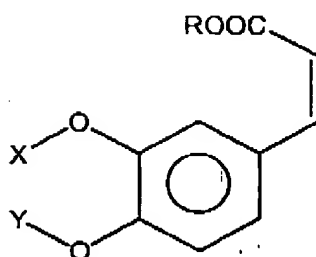
The method according to claim 19, which comprises topically applying to the skin of a person in need thereof an effective amount therefor of a cosmetic or dermatological formulation comprising:

- a) one or more flavonoids selected from the group consisting of
alpha-glucosylrutin, alpha-glucosylmyricitrin, alpha-glucosylisoquercitrinin, alpha-glucosylquercitrin, quercitrin, rutin, chrysin, kaempferol, myricetin, rhamnetin, apigenin, luteolin, naringin, hesperidin, naringenin, hesperitin, morin, phloridzin, diosmin, fisetin, vitexin, neohesperidin dihydrochalcone, flavone, glucosylrutin and genistein;
- b) one or more hydroxycinnamic acid derivatives of the formula:

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or the formula:



or mixtures thereof,

wherein X, Y and R independently represent H or branched or unbranched alkyl have 1 to 18 carbon atoms; and

c) an antioxidant. —

—24. The method according to claim 19, wherein a symptom of the

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immunosuppression is inflammation, allergy or an autoimmune-reactive symptom. --

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--25.

A method for protecting the cells which participate in the immune response of the skin from the damaging effects of UVB radiation, said method comprising topically applying to the skin of a person in need thereof an effective amount therefor of a cosmetic or dermatological formulation comprising:

- a) one or more flavonoids selected from the group consisting of alpha-glucosylrutin, alpha-glucosylmyricitrin, alpha-glucosylisoquercitrinin, alpha-glucosylquercitrin, quercitin, rutin, chrysin, kaempferol, myricetin, rhamnetin, apigenin, luteolin, naringin, hesperidin, naringenin, hesperitin, morin, phloridzin, diosmin, fisetin, vitexin, neohesperidin dihydrochalcone, flavone, glucosylrutin and genistein;
- b) optionally one or more cinnamic acid derivatives; and
- c) optionally an antioxidant;

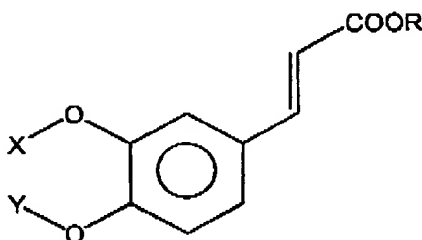
and protecting the cells which participate in the immune response of the skin from the damaging effects of UVB radiation. --

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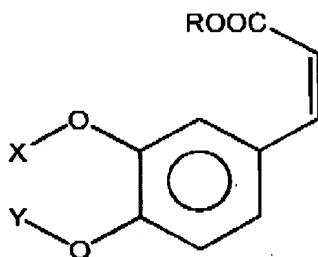
--26. The method according to claim 25, wherein the cosmetic or dermatological formulation comprises one or more cinnamic acid derivatives. --

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cm --27. The method according to claim 26, wherein the one or more cinnamic acid derivatives are selected from the group consisting of hydroxycinnamic acid derivatives. --

--28. The method according to claim 27, wherein the hydroxycinnamic acid derivatives are selected from those of the formula:



or the formula:



or mixtures thereof,

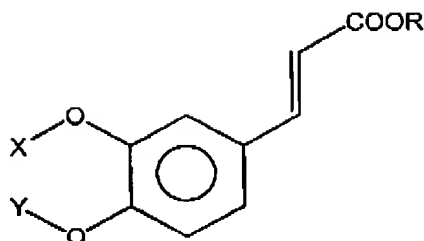
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wherein X, Y and R independently represent H or branched or unbranched alkyl have 1 to 18 carbon atoms. --

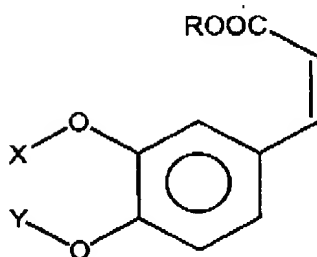
--29. The method according to claim 25, which comprises topically applying to

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CM the skin of a person in need thereof an effective amount therefor of a cosmetic or dermatological formulation comprising:

- a) one or more flavonoids selected from the group consisting of
alpha-glucosylrutin, alpha-glucosylmyricitrin, alpha-glucosylisoquercitrinin, alpha-glucosylquercitrin, quercitin, rutin, chrysin, kaempferol, myricetin, rhamnetin, apigenin, luteolin, naringin, hesperidin, naringenin, hesperitin, morin, phloridzin, diosmin, fisetin, vitexin, neohesperidin dihydrochalcone, flavone, glucosylrutin and genistein;
- b) one or more hydroxycinnamic acid derivatives of the formula:

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or the formula:



or mixtures thereof,

wherein X, Y and R independently represent H or branched or unbranched alkyl have 1 to 18 carbon atoms; and

c) an antioxidant. --

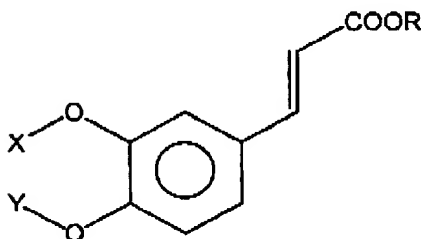
--30.

A cosmetic or dermatological formulation comprising:

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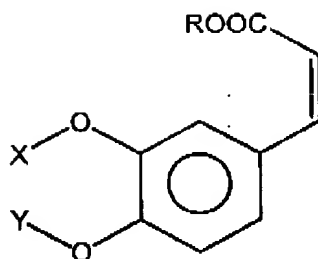
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- a) one or more flavonoids selected from the group consisting of
alpha-glucosylrutin, alpha-glucosylmyricitrin, alpha-
glucosylisoquercitrinin, alpha-glucosylquercitrin, quercitin, rutin,
chrysin, kaempferol, myricetin, rhamnetin, apigenin, luteolin,
naringin, hesperidin, naringenin, hesperitin, morin, phloridzin,
diosmin, fisetin, vitexin, neohesperidin dihydrochalcone, flavone,
glucosylrutin and genistein;
- b) one or more hydroxycinnamic acid derivatives of the formula:



or the formula:

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or mixtures thereof,

wherein X, Y and R independently represent H or branched or unbranched alkyl have 1 to 18 carbon atoms; and

c) optionally an antioxidant. --

--31. The cosmetic or dermatological formulation according to claim 30, which comprises an antioxidant. --

32.

A cosmetic or dermatological formulation comprising:

a) one or more flavonoids selected from the group consisting of